



CREATING ENERGY EFFICIENCY IN OUR MEETINGHOUSE

Energy Conservation at Homewood Friends Meeting has been a mission. We have made major energy efficiency improvements to our 100 year-old Meetinghouse. In 2005, we started with an energy use audit.

These are the things that we have accomplished:

Icynene Foam Insulation

Non-CFC/HCFC expanding spray foam (R-value 3.7 per inch) was applied in the attic, and above and below the Meeting Room

Insulation in the Attic

R-19 fiberglass batting, 300 feet. Installed by Homewood members.

Polyisocyanurate Insulation board in the Attic

3" thick polyiso board applied to knee wall in attic (4' x 8' boards). Installed by Homewood members.

Replacement of the boiler with a high efficiency model

Viessman Hot Water Boiler. Two wall mounted condensing boilers.
Extremely low emissions: Nox 8.9 ppm, CO 5.5 ppm

Replacement of Water Heater with Instantaneous gas fired heater

On demand hot water, no tank of water kept hot.
Rinnai 2520 OFFUNAT with 5 gallon recovery rate

Door Sweeps and Weather Stripping

Installed on exterior doors to keep out the cold. Installed by Homewood members

Lighting

Replaced incandescent light bulbs with compact LEDs. Incandescent bulbs give off more than 90% of their energy in heat

New Appliances

Replaced our Gas Stove with an Electric Stove and an efficient Bosch dishwasher to the kitchen